



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: Mill Creek Tributary

CERCLIS ID#: ARN000606914

Alias Site Name: NA

Address: Interstate 540 between Exist 10 (Phoenix Avenue) and Exit 11 (Zero Street)

City/County or Parish/State/Zip: Fort Smith/Sebastian County/Arkansas/72901

Report Type: Site Inspection Work Plan

Date: March 18, 2010

Author: ADEQ - Michael Gates

RECOMMENDATION:

<input type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input checked="" type="checkbox"/> 2. Further Investigation Needed Under Superfund <table border="0"><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td colspan="3"><input checked="" type="checkbox"/> Other: <u>Implement proposed SI Work Plan</u></td></tr><tr><td colspan="3">To be performed by: <u>ADEQ</u></td></tr></table>	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input checked="" type="checkbox"/> Other: <u>Implement proposed SI Work Plan</u>			To be performed by: <u>ADEQ</u>		
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To be performed by: <u>ADEQ</u>																
<input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC																
<input checked="" type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Federal	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
Enforcement	Facility			

SEND SSSR COPIES TO: ☐ 6SF-AC ☐ 6WQ-SP ☐ ATSDR ☒ State Agency ☐ Tribal Agency

DISCUSSION:

The Mill Creek Tributary site is an intermittent creek and is located 4 miles south of downtown Fort Smith, Arkansas. The east boundary of the Mill Creek Tributary site is adjacent to Interstate 540 South, between exits 10 and 11. Exit 10 is Phoenix Avenue, which borders the northern portion of the property. Exit 11 is Zero Street, extending along the southern property boundary. Four industrially-zoned and five commercially-zoned facilities are contained within the site, as are approximately 251 housing units. A portion of the site has been used industrially for approximately 100 years.

A Brownfields Program Comprehensive Site Assessment (CSA) investigation, which included a CSA Report and two Addendums, was completed for the Jenny Lind property in January 2009. The CSA investigation indicated that both the Jenny Lind property and the tributary flowing through the property may be contributing to contamination within Mill Creek. Surface water samples collected in the Mill Creek Tributary during the CSA indicate the presence of heavy metals.

The Site Inspection Work Plan provides for the collection of twenty (20) surface soil samples (include two duplicate samples and one background sample) and ten (10) sediment samples (including one duplicate sample and two background samples). The objectives of the field sampling activities are to: 1) establish representative background levels; 2) determine site waste characteristics; 3) attribute hazardous substances to onsite operations; and 4) investigate migration of hazardous substances from the site.

The work plan is approved as written.



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APPROVALS:

Report Reviewed by: Bret Kendrick
(Site Assessment Manager)

Signature: 

Date: 04/05/10

Disposition
Approved by: John Meyer
(Section Chief 6SF-TR)

Signature: 

Date: 4/21/10